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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/047,676	03/25/1998	NAOHIRO KAGEYAMA	05058/66601	3496

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EXAMINER

HO, TUAN V

ART UNIT	PAPER NUMBER
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2612

DATE MAILED: 08/22/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/047,676

Applicant(s)

KAGEYAMA ET AL.

Examiner

TUAN HO

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 June 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 11-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 11-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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1. Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.

2. Applicant's arguments filed 6/10/02 have been fully considered but they are not persuasive.

With regard to claims 11 and 16, Applicants argue that "the Suzuki patent makes no references to the detector". In response to the arguments, the examiner notes that in order to receive and transmit signals between CPU 113 and printer 301 (Fig. 1), CPU 113 has to recognize the voltage signals from the printer and transmit command signals to the printer. In other words, the recognition and transmission of signals to the printer ~~is~~ inherently included² a connection detection. Besides that, Suzuki¹ discloses in col. 13, lines 3-7 that CPU executes communications via I/F section 122, I/F device 201, and I/F circuit 302 and determines if the printer is ready or not. This step also indicates that CPU 113 must detects a connection between the camera and the printer.

For the above reasons, the rejection is repeated.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

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(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claim 1 is rejected under 35 U.S.C. 102(e) as being anticipated by Watanabe et al (US 5,978,020).

Watanabe et al discloses in Fig. 2, a video camera that comprises the output section (terminals of camera I/F 18, col. 6, line 65), external apparatus (display device 7), communicator (control unit 17 and I/F circuit 18, col. 6, line 65, and col. 11), image processor (control unit 17 and DSP 13, col. 11, lines 30-65 and col. 12, lines 1-15), and display apparatus (display device 7).

5. Claims 11-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Suzuki (US 6,111,605).

With regard to claim 11, Suzuki discloses in Fig. 1 a digital camera having a detachable memory and outputting image data from the memory to a printer device, comprises the same connector (I/F device 201), detector (communication section 122, col. 13 and Fig. 6), and controller (CPU 113).

With regard to claim 12, Suzuki discloses in Fig. 1 a digital camera having an output section for outputting image data to a printer device, comprises the same personal computer (external computer, col. 15, line 42).

With regard to claim 13, Suzuki discloses in Fig. 1 a digital camera having an output section for outputting image data to a printer device, comprises the same printer (printer 301 and Figs. 4A and 4B).

With regard to claim 14, Suzuki discloses in Fig. 1 a digital camera having a detachable memory and outputting image data from the memory to a printer device, comprises the same storage apparatus (memory 103).

With regard to claim 15, Suzuki discloses in Fig. 1 a digital camera having a detachable memory and outputting image data from the memory to a printer device, comprises the same connection cable (I/F device 201 inherently includes connection cable).

Claims 16-21 recite what was discussed with respect to claims 11-15.

With regard to claim 22, Suzuki discloses in Fig. 1 a digital camera having a detachable memory and outputting image data from the memory to a printer device, comprises the same memory card (memory card 103).

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan Ho whose telephone number is (703) 305-4943. The examiner can normally be reached on Monday-Friday from 7:00 to 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy Garber, can be reached on (703) 305-4929.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703)872-9314

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

th

August 21, 2002


TUAN HO
PRIMARY EXAMINER